

WHAT IS CLAIMED IS:

1. A method of fabricating a product, comprising:
locating a resin soaked sheet having a decorative motif on a board;
placing the resin soaked sheet and board into a press machine having a press plate with a three dimensional surface; and
curing the resin at a predetermined temperature while pressing the resin soaked sheet and board with the press plate at a predetermined pressure such that a laminated product is produced;
wherein the produced laminated product has a surface texture that is embossed in registration with the decorative motif.
2. A method of fabricating a product according to claim 1, wherein locating the resin soaked sheet on the board includes:
milling reference edges on the board; and
locating the resin soaked sheet on the board such that the decorative motif assumes a predetermined position on the board relative to the reference edges.
3. A method of fabricating a product according to claim 2, wherein placing the resin soaked sheet and board into the press machine includes using the reference edges to locate the decorative motif within the press machine at a predetermined location relative to the press plate.

4. A method of fabricating a product according to claim 1, further including milling a hollow in a surface of the board.
5. A method of fabricating a product according to claim 1, wherein the predetermined temperature is between 160 and 220 °C.
6. A method of fabricating a product according to claim 1, wherein the predetermined pressure is between 20 and 40 Kg/cm².
7. A method of fabricating a product according to claim 6, wherein pressure is applied for 20 to 60 seconds.
8. A method of fabricating a product according to claim 1, further including locating a protective overlay on the resin soaked sheet.
9. A method of fabricating a product according to claim 8, wherein the protective overlay is impregnated with a resin.
10. A method of fabricating a product according to claim 1, further including locating a base layer under the board.
11. A method of fabricating a product according to claim 10, wherein the base layer is impregnated with a resin.

12. A method of fabricating a product according to claim 10, further including impregnating a kraft paper with a melamine resin to produce the resin soaked sheet having a decorative motif.

13. A method of fabricating a product, comprising:

- procuring a paper having a decorative motif, wherein that paper is fabricated on a machine such that the paper is wound only once onto a manufacturing spool;
- procuring a melamine resin having a predetermined solid content;
- impregnating the paper using the melamine resin by unwinding the paper from its manufacturing spool and soaking an unwound portion in the melamine resin;
- milling reference edges on a board;
- locating the melamine resin impregnated paper on the board;
- moving the melamine resin impregnated paper and the board into a press machine having a press plate, wherein that press plate has a three dimensional structure;
- using the reference edges to locate the decorative motif within the machine such that the decorative motif has a predetermined location relative to the three dimensional structure;
- and
- curing the melamine resin impregnated paper to form a direct pressure laminate while pressing the melamine resin impregnated paper and the board using the press plate such that a product having a surface texture that is embossed in registration with the decorative motif is produced.

14. A method of fabricating a product according to claim 13, further including milling a hollow in a surface of the board.
15. A method of fabricating a product according to claim 13, wherein curing is performed at a temperature between 160 and 220 °C.
16. A method of fabricating a product according to claim 13, wherein pressing the melamine resin impregnated paper and the board using the press plate is performed at between 20 and 40 Kg/cm².
17. A method of fabricating a product according to claim 16, wherein pressure is applied for 20 to 60 seconds.
18. A method of fabricating a product according to claim 13, further including locating a protective overlay on the melamine resin soaked sheet.
19. A method of fabricating a product according to claim 18, wherein the melamine resin adheres the protective overlay to the product.
20. A method of fabricating a product according to claim 18, wherein the protective overlay is impregnated with an overlay resin.

21. A method of fabricating a product according to claim 18, wherein the protective overlay includes AL_2O_3 .
22. A method of fabricating a product according to claim 13, further including locating a base layer under the board.
23. A method of fabricating a product according to claim 22, wherein the base layer is impregnated with a base resin.